

Ceramic Fiber Blanket

Ceramic Fiber Blanket



Product Description

Ceramic Fiber Blanket (Aluminum silicate needle blanket) is in the process of production to blowing fiber cotton, add some accessories, after the settlement of cotton cloth, plastic needle (the blanket become strengthen through needled making the fiber hook weaving, made of flexible blanket products), high temperature to finalize the design, and vertical and horizontal cutting, weighing, packaging, etc. My company double needle technique in particular, make the product quality is much higher than ordinary needled blanket.

Product features

1. Small coefficient of thermal conductivity, good heat preservation effect.
2. Heat capacity is low, raise the utilization ratio of heat energy.
3. No binder, chemical performance is stable.
4. Fireproof and heat insulation of buildings and fire doors.
5. Tensile strength, sound-absorbing performance is good.

Mainly specification

Density: 96-128 kg/m³

Specification: 610 × 14000 × 10 (mm)

610 × 7200 × 20 (mm)

610 × 5000 × 30 (mm)

610 × 4000 × 40 (mm)

610 × 3000 × 50 (mm)

For other sizes, please consult local representative.

Applications

1. The filtration of high temperature gas and high temperature liquid.
2. Thermal insulation in electric power boiler, steam turbine and nuclear power station.
3. Wall lining of chemical industrial high temperature reactor and heating equipment.
4. Wall lining of high temperature piping, irregular piping and industrial furnace. Thermal insulation for eliminating street in welding.
5. The construction industry for fire doors, fire doors.



Package Storage

For the convenience of construction, transportation, storage and identification, Ceramic Fiber Blanket is wrapped in aPE bag. This product should be stored indoors or covered with a waterproof tarpaulin when stored

Technical Parameters

品名 Description	标准型 Standard	高纯型 High pure	高铝型 High aluminum	含锆型 Zirconium
项目 Item				
工作温度 Working temp (°C)	1000	1100	1200	1350
颜色 Color	洁白 Pure white	洁白 Pure white	洁白 Pure white	洁白 Pure white
密度 Density (kg/m ³)	96-128	96-128	96-128	96-128
线收缩 (%) (保温24小时, 密度128 kg/m ³) Linear shrinkage rate (%) (Constant temperature for 24 hours density 128 kg/m ³)	-3 (1000°C)	-3 (1000°C)	-3 (1000°C)	-3 (1000°C)
导热系数 Thermal conductivity(W/m.k)	0.09 (400°C)	0.09 (400°C)	0.12 (600°C)	0.16 (800°C)
体积密度 Bulk density (128kg/m ³)	0.16 (800°C)	0.16 (800°C)	0.20 (1000°C)	0.20 (1000°C)
纤维长度 Fiber length	100-150mm	100-150mm	100-150mm	100-150mm



HEBEI UNITED ENERGY TECH CO., LTD
B-510 WANDA PLAZA, GUANGYANG DISTRICT,
LANGFANG CITY, 065000 CHINA

UNITED INSULATION LIMITED
ROOM 1103, HANG SENG MONGKOK BUILDING, 677
NATHAN ROAD, MONGKOK, KOWLOON HK

Email: wang@unitedinsulation.cn

Mob / Wechat : +8613106695885